

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2005/000084

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C 217/46 A61K 31/04 A61P 29/00 A61P 9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)

Canadian Patent Office database, CAS Data, WPI Data, Espacenet database, Dephion database

Keywords: nitric, nitro

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
Y	WO 01/45703 (NITROMED) 28 June 2001 (28.06.01) Cited in the application Page 4, line 26 - page 5, line 8 Page 45, line 10 - page 47, line 22 Page 91, line 27 - page 92, line 3 Page 93, lines 15-19 and 29-31 Examples 12 and 14	1-19
Y	WO 03/103602 (NITROMED) 18 December 2003 (18.12.2003) Page 19, formula (V) Page 31, lines 17, 32-36	1-19

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search

15 March 2005 (15-03-2005)

Date of mailing of the international search report

16 May 2005 (16-05-2005)

Name and mailing address of the ISA/CA
 Canadian Intellectual Property Office
 Place du Portage I, C114 - 1st Floor, Box PCT
 50 Victoria Street
 Gatineau, Quebec K1A 0C9

Facsimile No: 001(819)953-2476

Authorized officer
 May Ling Nung (819) 997-2939

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
A	WO 97/28120 (MERCK FROSST CANADA) 7 August 1997 (07.08.97) Claims 1, 8, 9, 12	1-19
P, Y	WO 04/103955 (MERCK FROSST CANADA) 2 December 2004 (02.12.2004) see the whole document	1-19
P, Y	WO 04/11421 (MERCK FROSST CANADA) 5 February 2004 (05.02.2004) see the whole document	1-19

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Box No. II **Observations where certain claims were found unsearchable (Continuation of item 2 of the first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons :

1. ☒ Claim Nos. : 6-17

because they relate to subject matter not required to be searched by this Authority, namely :

Although claims 6-17 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

2. ☐ Claim Nos. :

because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically :

3. ☐ Claim Nos. :

because they are dependant claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III **Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows :

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claim Nos. :
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claim Nos. :

Remark on Protest ☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/CA2005/000084

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
WO0145703	28-06-2001	AP200202582D D0	30-09-2002
		AU2592801 A	03-07-2001
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		US2003220228 A1	27-11-2003
		ZA200205707 A	11-11-2003
WO03103602	18-10-2003	None	
WO9728120	07-08-1997	AT198323T T	15-01-2001
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		JP2000504332T T	11-04-2000
		NO983511 A	30-09-1998
		NZ326283 A	23-12-1998
		PL328225 A1	18-01-1999
		SK102698 A3	13-04-1999
		US5733909 A	31-03-1998
WO04103955	02-12-2004	None	
WO04011421	05-02-2004	None	